

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:3468

ANSWERED ON:13.03.2003

POWER WASTE DUE TO SUB-STANDARD ELECTRIC EQUIPMENTS

A. VENKATESH NAIK;RAMSHETH THAKUR

Will the Minister of POWER be pleased to state:

- (a) whether large quantum of power goes waste due to sub-standard quality of electric equipment in the country;
- (b) if so, whether the Government have formulated a legal framework for establishment of an apex level central body for laying down standards and norms of energy consumption equipments and appliances;
- (c) if so, the details thereof; and
- (d) the other steps taken by the Government to encourage energy conservation and development of improved technologies for energy efficiency?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA)

(a) : Yes, Sir. A considerable portion of power goes waste at the consumption stage due to sub-standard quality of electric equipments in the country. There is a scope of about 20% and 25% energy saving potential in domestic and agricultural & industrial sectors respectively, and upgrading the standard of electrical equipments & appliances and consumers awareness through labeling will go a long way in effecting sustained energy saving.

(b) & (c) : The Government of India has enacted the Energy Conservation Act, 2001 and under this Act established Bureau of Energy Efficiency, a statutory body, for laying down minimum energy consumption standards and mandatory labeling. This Act has enabled the Government to provide for :

- (i) Specify equipment or appliance or class of equipments or appliances, as the case may be, for the purpose of this Act;
- (ii) Specify the norms for process and energy consumption standards for any equipment, appliances which consumes, generates, transmits or supplies energy;
- (iii) Prohibit manufacturer or sale or purchase or import of equipment or appliance specified in the Act unless such equipment or appliances conforms to energy consumption standards; and
- (iv) Direct display of such particulars on label on equipment or on appliance specified.

(d) : The Bureau of Energy Efficiency (BEE) is to institutionalize energy efficiency services and establish delivery mechanisms for these activities through various regulatory and promotional instruments, with the prime objective to reduce intensive and wasteful use of energy in the Indian economy. Bureau of Energy Efficiency has prepared an Action Plan which gives thrust on energy efficiency in industrial sector, standard & labeling for appliances, demand side management, energy efficiency in commercial buildings, energy conservation building codes, capacity building of energy managers and energy auditor, energy performance codes and manual preparation and awareness creation, etc. As a first step, energy audit has been initiated in 9 Central Government Buildings.

State Governments and Union Territory Administrations have also been advised to implement energy conservation measures required under the Energy Conservation Act. Dialogues have been initiated with selected industry groups in the manufacturing sector and Working Groups have been established for working out minimum standards of consumption of their products and also towards recommending appropriate labeling thereon.

Every year, the Government of India celebrates 14th December, as 'National Energy Conservation Day' and on this occasion awards are given to selected industrial units for their exemplary work done in the field of energy conservation.